上海尖丰光电技术有限公司

Polarization Maintaining Optical Circulator

Features

High Isolation

Low Insertion Loss

High Extinction Ratio

Excellent Stability and Reliability

Applications

Research

Fiber Sensors

Coherent Detecting

Fiber Optic Instruments

Specifications

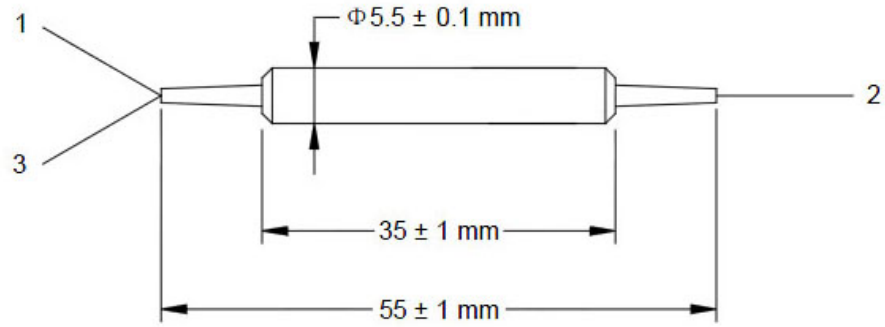
Parameter		Unit	Type A	Type B
Central Wavelength (λc)		nm	1310 or 1550	
Operating Wavelength Range		nm	±30	±20
Insertion Loss, λc, 23°C	Typ.	dB	0.7	0.6
Insertion Loss	Max.	dB	0.9	0.8
Peak Isolation	Typ.	dB	52	40
Isolation, λc, 23°C	Typ.	dB	46	30
Isolation, 23°C	Min.	dB	40	20
Extinction Raio	Min.	dB	22	20
Crosstalk	Min.	dB	50	
Return Loss	Min.	dB	50	
Optical Power (Continuous Wave)	Max.	mW	300	
Tensile Load	Max.	N	5	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added.

Connector key is aligned to slow axis. The routes incoming signals from Port 1 to Port 2,

and incoming Port 2 signals to Port 3.

Package Dimensions



Ordering Information

P	M	O	C	I	R	
Wavelength	Type	Package	Pigtail	Fiber Type	Fiber Length	Connector
4=1550nm **7**=1310nm	**A**=Type A **B**=Type B	**C**=Φ5.5×L35	**S**=250μm bare fiber **M**=900μm loose tube	**E**=Panda fiber	**0**=0.5m **1**=0.75m **2**=1.0m	**0**=None **3**=FC/APC **5**=SC/APC **7**=FC/UPC **8**=SC/UPC
Note: *All specifications are subject to change without notice.*						